

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
AP35518 (072396.0263)Serial No.  
10/807,755**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

(Use several sheets if necessary)

Applicants  
Robbins *et al.*Filing Date  
March 24, 2004Group Art Unit  
~~1646~~ 1633

Marvich

**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

**FOREIGN PATENT DOCUMENT**

Document No.	Class	SubClass	Translator Yes No

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

mm	1.	Martinez <i>et al.</i> Single-Stranded Antisense siRNAs Guide Target RNA Cleavage in RNAi. Cell 2002;110:563-74.
	2.	Zeng <i>et al.</i> Both Natural and Designed Micro RNAs Can Inhibit the Expression of Cognate mRNAs When Expressed in Human Cells. Mol. Cell 2002;9:1327-1333.
	3.	Stanojevic and Young. A Highly Potent Artificial Transcription Factor. Biochemistry 2002;41:7209-7216.
	4.	Xia <i>et al.</i> siRNA-mediated gene silencing in vitro and in vivo. Nature Biotech. 2002;20:1006-10.
	5.	Matheos <i>et al.</i> Ku antigen, an origin-specific binding protein that associates with replication proteins, is required for mammalian DNA replication. Biochim. Biophys. Acta. 2002;1578:59-72.
	6.	Jacque <i>et al.</i> Modulation of HIV-1 replication by RNA interference. Nature 2002;418:435-438.
	7.	Opalinska and Gewirtz. Nucleic-acid therapeutics: basic principles and recent applications. Nat Rev Drug Discov 2002;1:503-14.
	8.	Gary Ruvkun. Glimpses of a Tiny RNA World. Science 2001;2294:797-799.
	9.	Robert Barstead. Genome-wide RNAi. Curr. Opin. Chem. Biol. 2001;5:63-66.
mm	10.	Phillip D. Zamore. RNA interference: listening to the sound of silence. Nat. Struct. Biol. 2001;8:746-750.

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M. Marvich

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MM	11.	Fjose <i>et al.</i> RNA interference: mechanisms and applications. Biotechnol. Annu. Rev. 2001;7:31-57.
	12.	Zhao <i>et al.</i> Double-Stranded RNA Injection Produces Nonspecific Defects in Zebrafish. Dev. Biol. 2001;229:215-223.
	13.	Kassavetis <i>et al.</i> The RNA polymerase III transcription initiation factor TFIIB participates in two steps of promoter opening. EMBO J. 2001;20:2823-2834.
	14.	Mark Lewandoski. Conditional control of gene expression in the mouse. Nat. Rev. Genet. 2001;2:743-755.
	15.	Reinhart <i>et al.</i> The 21-nucleotide let-7 RNA regulates developmental timing in <i>Caenorhabditis elegans</i> . Nature 2000;403:901-906.
	16.	Tavernarakis <i>et al.</i> Heritable and inducible genetic interference by double-stranded RNA encoded by transgenes. Nat. Genet. 2000;24:180-183.
	17.	Nakano <i>et al.</i> RNA Interference for the Organizer-Specific Gene Xlim-1 in <i>Xenopus</i> Embryos. Biochem. Biophys. Res. Commun. 2000;274:434-439.
	18.	Svoboda <i>et al.</i> , Selective reduction of dormant maternal mRNAs in mouse oocytes by RNA interference. Development 2000;127:4147-4156.
	19.	Ohkawa and Taira. Control of the Functional Activity of an Antisense RNA by a Tetracycline-Responsive Derivative of the Human U6 snRNA Promoter. Human Gene Ther. 2000;11:577-585.
	20.	Olejniak <i>et al.</i> Photocleavable aminotag phosphoramidites for 5'-termini DNA/RNA labeling. Nucl. Acids Res. 1998;26:3572-3576.
	21.	Wang <i>et al.</i> Plasmids for the in vitro analysis of RNA polymerase II-dependent transcription based on a G-free template. Biochimica et Biophysica Acta 1998;1397:141-145.
	22.	Tichelaar <i>et al.</i> In Vivo Expression of a Variant Human U6 RNA from a Unique, Internal Promoter. Biochemistry 1998;37:12943-12951.
	23.	Nyanguile <i>et al.</i> A nonnatural transcriptional coactivator. Proc. Natl. Acad. Sci. USA 1997;94:13402-13406.
	24.	Jacobs and Langland. When Two Strands Are Better Than One: The Mediators and Modulators of the Cellular Responses to Double-Stranded RNA. Virology 1996;219:339-349.
MM	25.	Berns and Giraud Adenovirus and Adeno-Associated Virus as Vectors for Gene Therapy. Ann. N.Y. Acad. Sci. 1995;772:95-104.

Examiner

M. Manich

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MM	26. Alan E. Smith. Viral vectors in gene therapy. Ann. Rev. Microbiol. 1995;49:807-838.
	27. Yang <i>et al.</i> Cellular and Humoral Immune Responses to Viral Antigens Create Barriers to Lung-Directed Gene Therapy with Recombinant Adenoviruses. J. Virol. 1995;69:2004-2015.
	28. Izban <i>et al.</i> RNA Polymerase II Ternary Complexes May Become Arrested after Transcribing to within 10 Bases of the End of Linear Templates. J. Biol. Chem. 1995;270:2290-2297.
	29. Krebs <i>et al.</i> The JC Virus Minimal Core Promoter Is Glial Cell Specific In Vivo. J. Virol. 1995;69:2434-2442.
	30. Pan and Greenblatt. Initiation of Transcription by RNA Polymerase II Is Limited by Melting of the Promoter DNA in the Region Immediately Upstream of the Initiation Site. J. Biol. Chem. 1994;269:30101-30104.
	31. Lee <i>et al.</i> The C. elegans Heterochronic Gene lin-4 Encodes Small RNAs with Antisense Complementarity to lin-14. Cell 1993;75:843-54.
	32. Richard C. Mulligan. The Basic Science of Gene Therapy. Science 1993;260:926-932.
	33. Hubbell <i>et al.</i> Cyclic AMP mediates the direct antiproliferative action of mismatched double-stranded RNA. Proc. Natl. Acad. Sci. USA 1991;88:906-910.
	34. Zaug <i>et al.</i> The Tetrahymena ribozyme acts like an RNA restriction endonuclease. Nature 1986;324:429-33.
	35. Gelboin <i>et al.</i> Polyinosinic-Polycytidylic Acid Inhibits Chemically Induced Tumorigenesis in Mouse Skin. Science 1970;167:205-207.
	36. Levy <i>et al.</i> Inhibition of tumor growth by polyinosinic-polycytidylic acid. Proc. Nat. Acad. Sci. USA 1969;62:357-361.
MM	37. Zeleznick <i>et al.</i> Treatment of Leukemic (L-1210) Mice with Double-Stranded Polyribonucleotides (33503). Proc. Soc. Exp. Biol. Med. 1969;130:126-128.

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